



FEMA



Prepared by
Cindy Elsenheimer

FEMA Region 6 Weather Threat Briefing

Monday, January 21, 2019

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today

- **Potentially damaging wind in NM & W TX; SW wind gusts 35-50 mph. Hazardous driving conditions; strong crosswinds/blowing dust.**
- **Elevated to critical fire weather conditions across S&E NM into W TX and the TX Panhandle.**

Tuesday

- **Elevated fire weather conditions continue across Big Bend of TX**

Wednesday – Friday

- **No significant weather impacts expected.**

River Flooding

- **Mostly minor river flooding continues across E/SE TX into LA/AR.**
- **Trinity River at Liberty in SE TX remains at major flood stage with possible impacts to homes.**
- **Portions of the Lower MS River in LA are in moderate flood with impacts primarily to river traffic, access roads, and recreational camps.**

FEMA Region 6 Threat Matrix

Jan 21, 2019 – Jan 25, 2019



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DAY / THREAT	MON	TUE	WED	THU	FRI
Severe Storms					
Heavy Rain / Flash Flooding					
Winter Weather					
Fire Weather	S&E NM/W TX/ TX Panhandle	TX Big Bend			
Wind	NM/W TX				
River Flooding	SE TX	SE TX	SE TX	SE TX	SE TX
	ETX, LA, AR	ETX, LA, AR	ETX, LA, AR	ETX, LA, AR	ETX, LA, AR

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

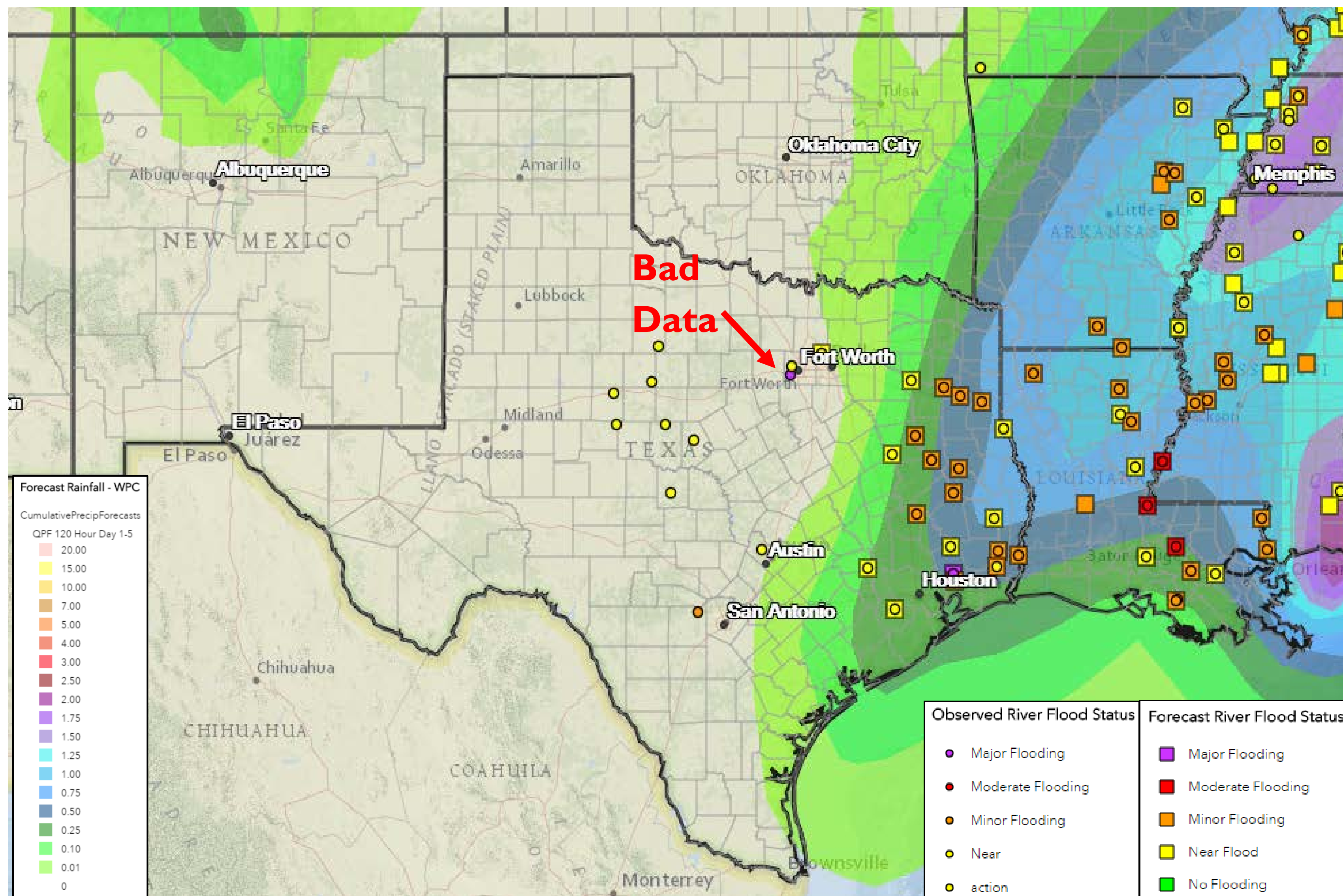
5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

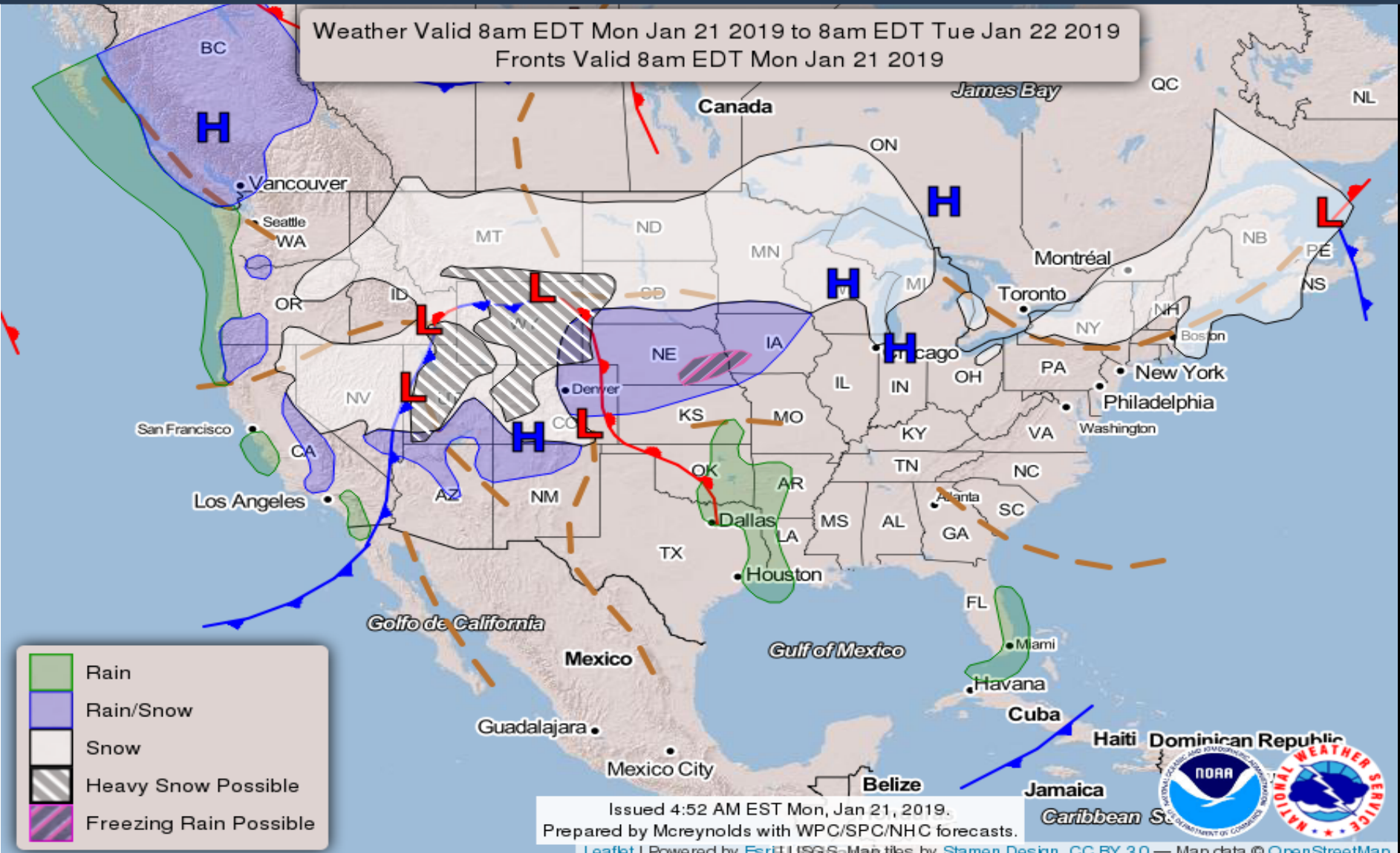
Mostly minor river flooding continues across E/SE TX into LA/AR.
Trinity River at Liberty in SE TX remains at major flood stage with possible impacts to homes.
Portions of the Lower MS River in LA are in moderate flood with impacts primarily to river traffic, access roads, and recreational camps.



Today's Weather



Forecast Chart

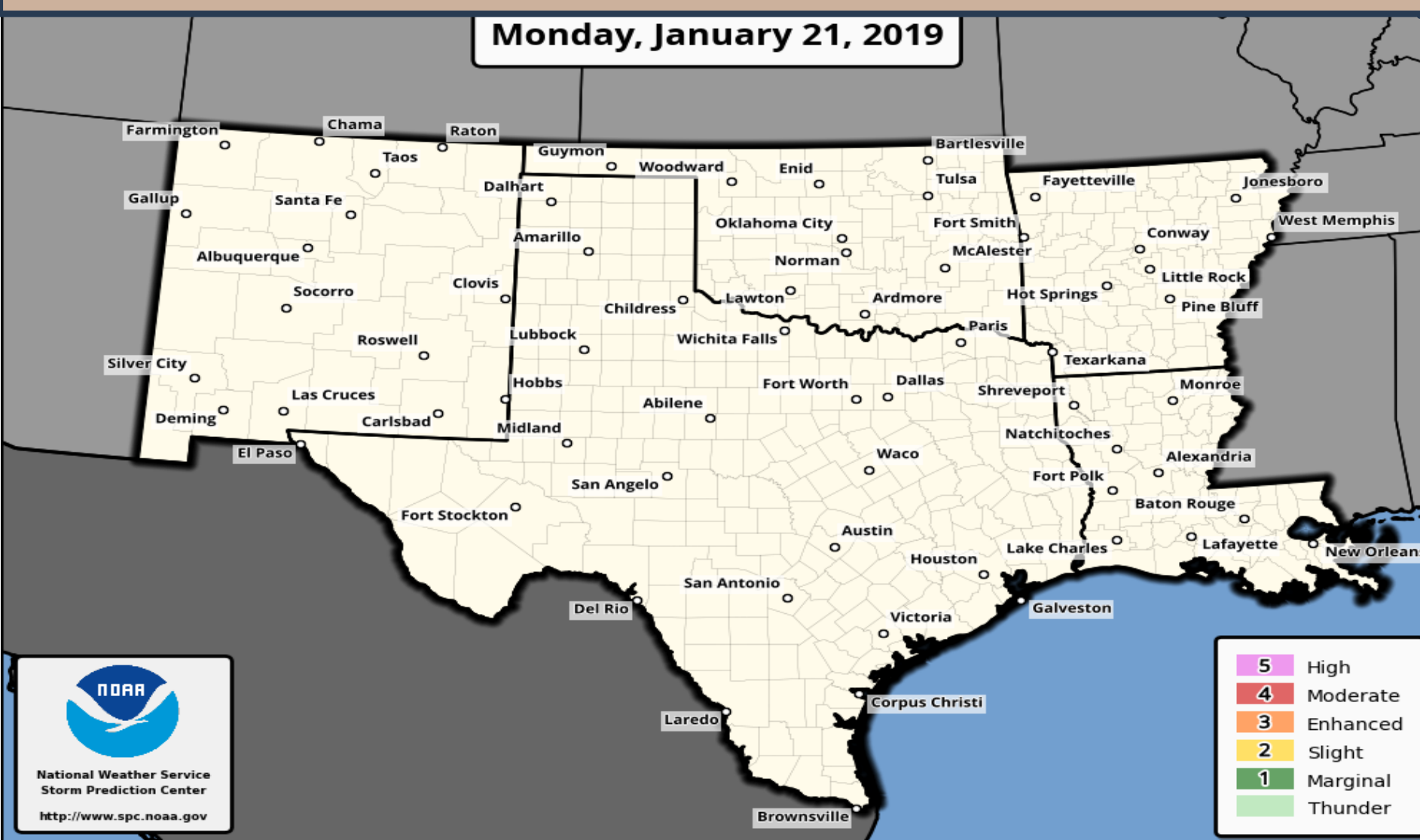


Forecast Rainfall



**Potentially damaging wind
in NM & WTX; Southwest
winds will generally gust
from
35-50 mph.
Strong crosswinds and
areas of blowing dust will
make driving hazardous.**

Severe Weather Outlook



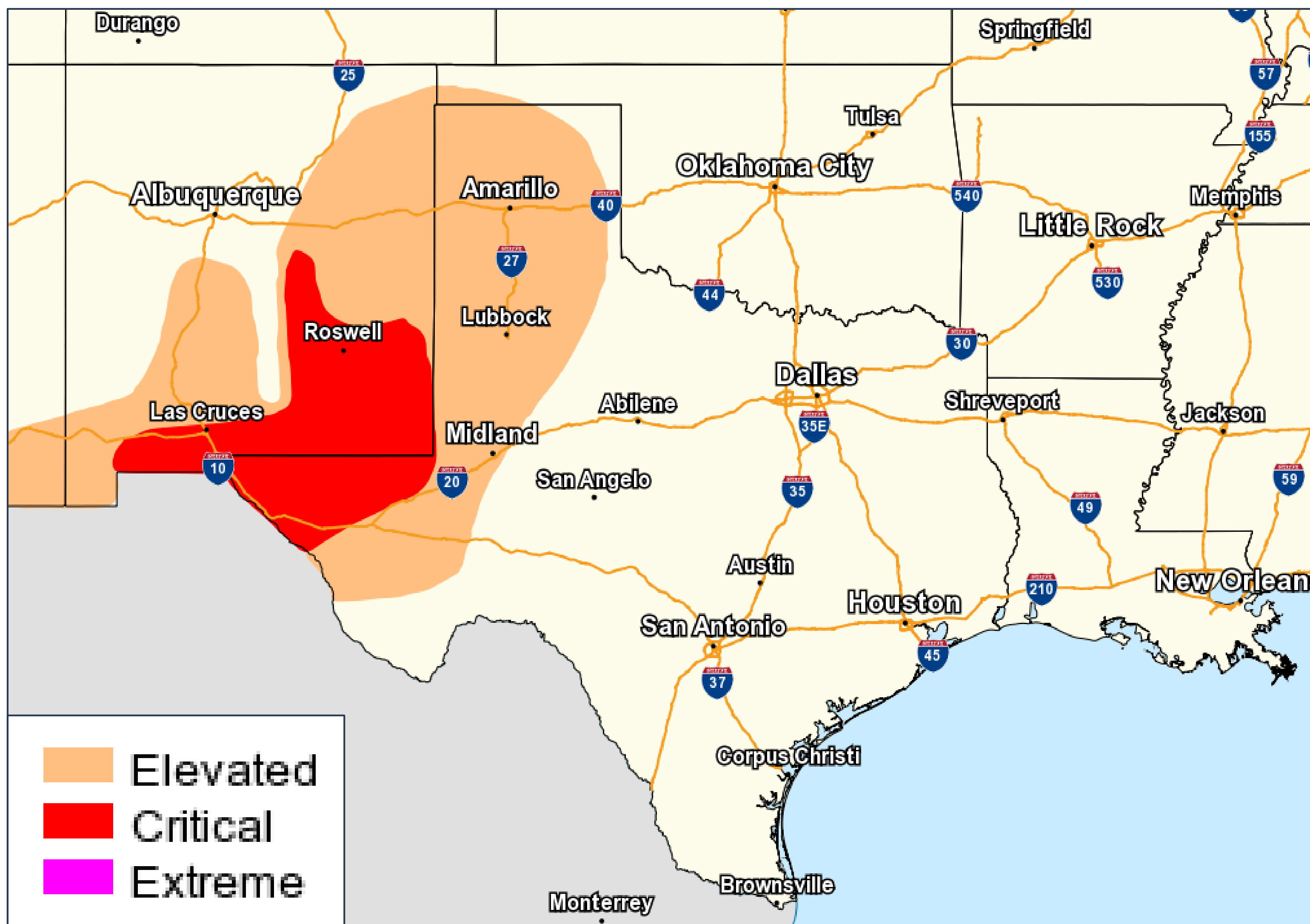
Excessive Rainfall Outlook



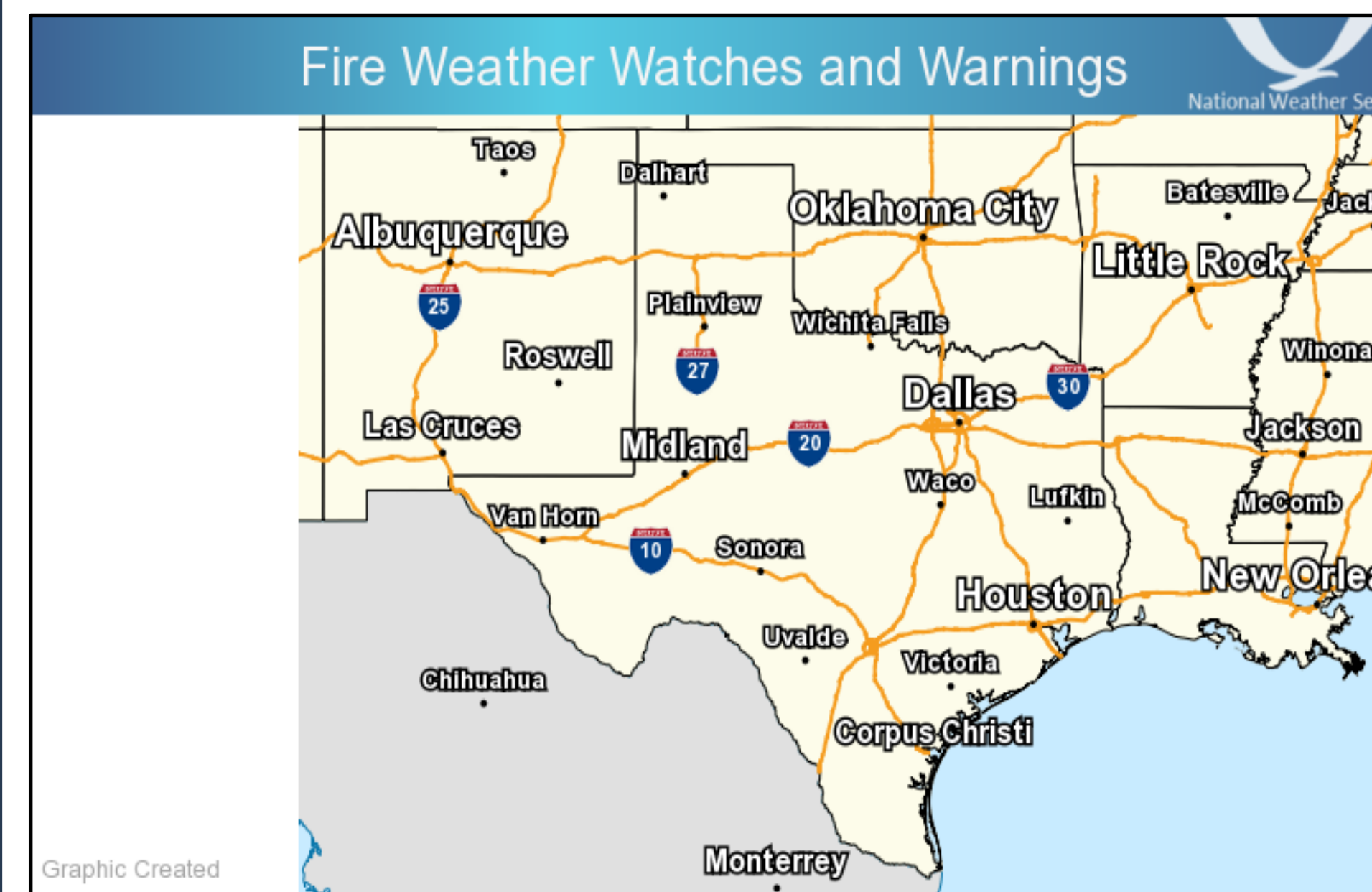
Today's Fire Weather Outlook



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Elevated to critical fire weather conditions across S&E NM into W TX and the TX Panhandle.



Watches, Warnings, and Advisories



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Fire Weather



Graphic Created

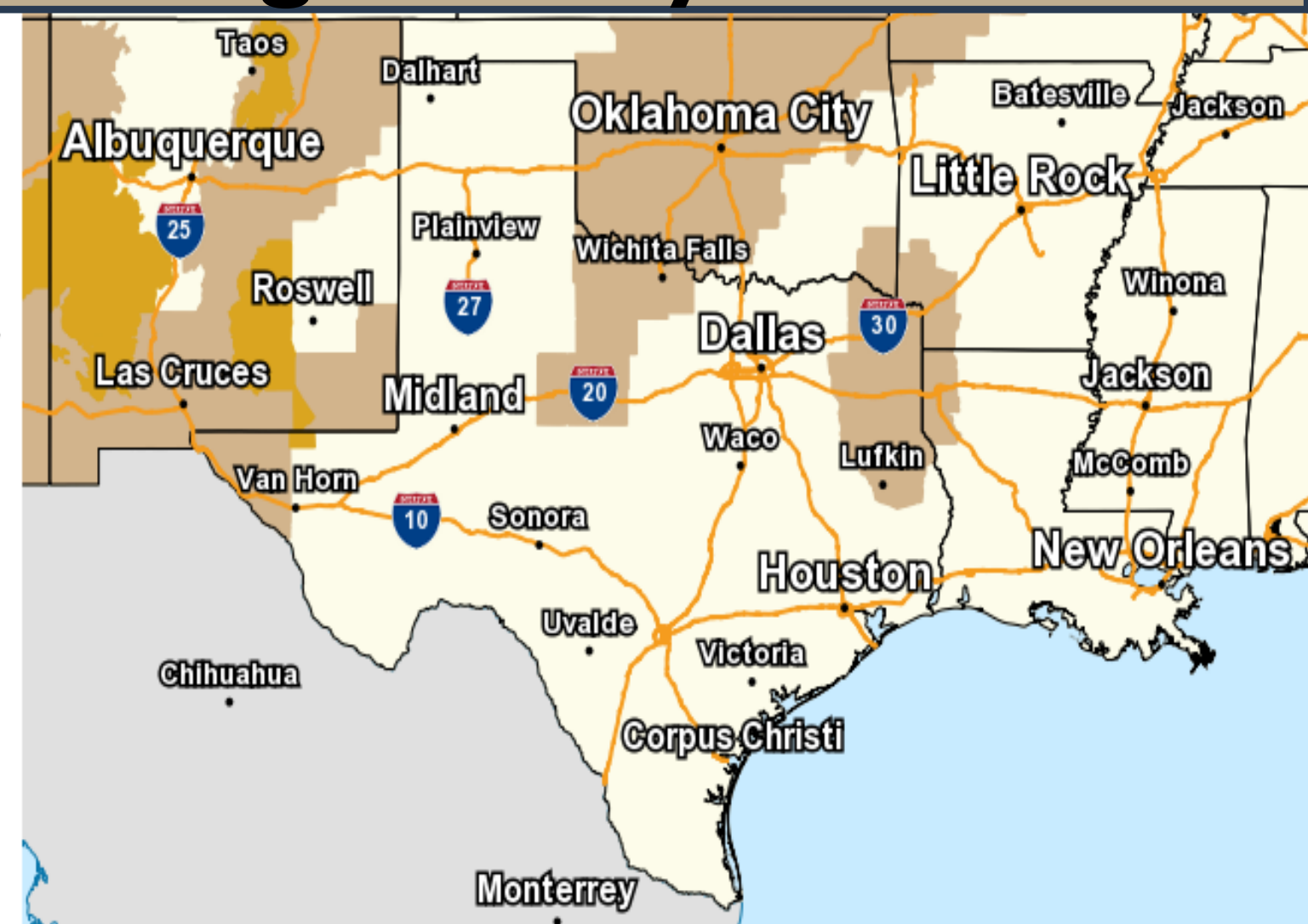
Severe Weather & Flooding



Graphic Created

**High Wind Warnings
across portions of NM;
wind advisories across W
TX and portions of OK
and N/E TX.**

Strong & Gusty Winds



Graphic Created

Winter Weather



Graphic Created

Tomorrow's Weather

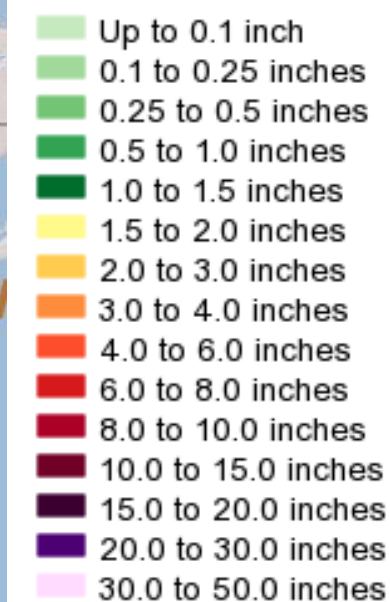
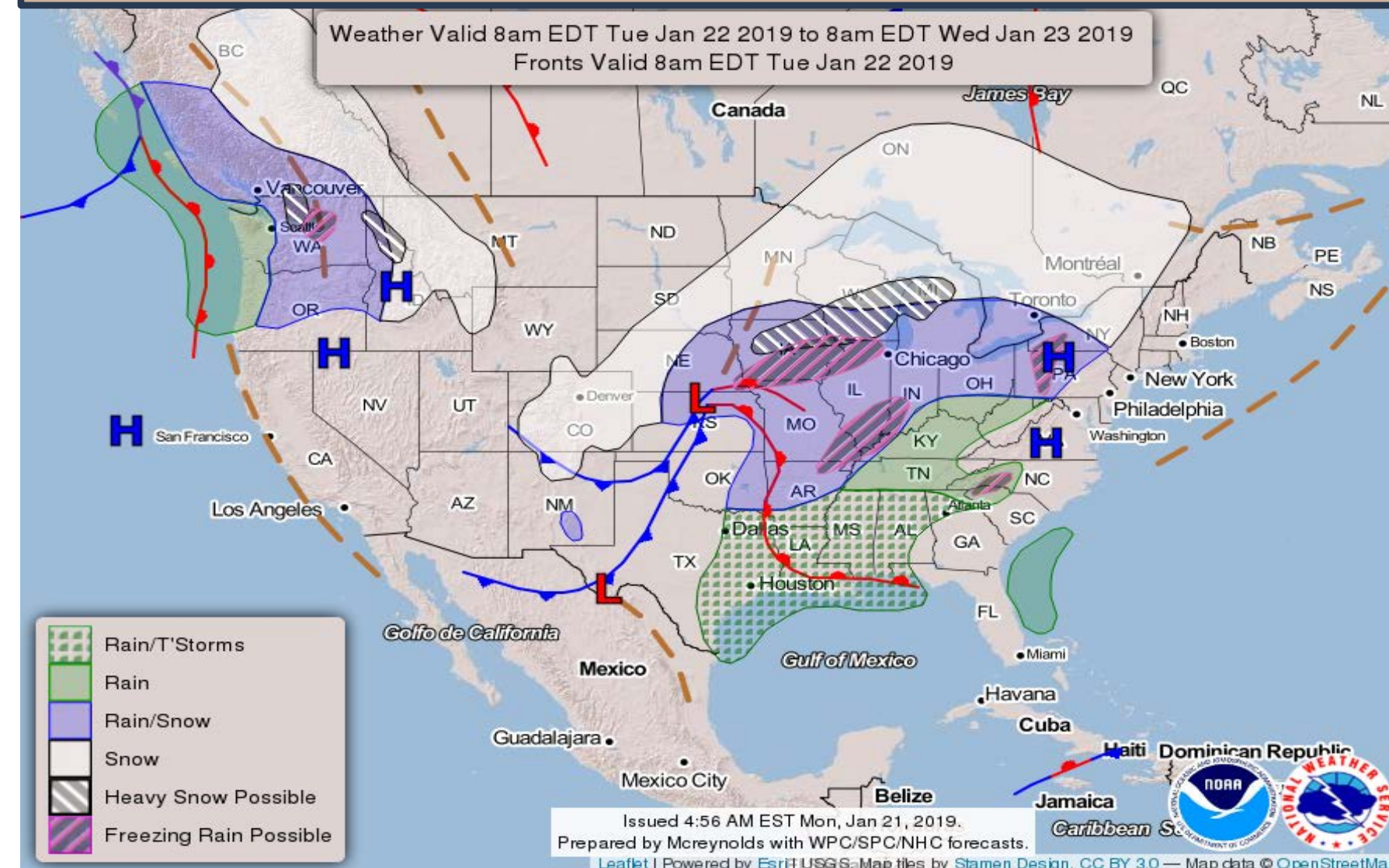


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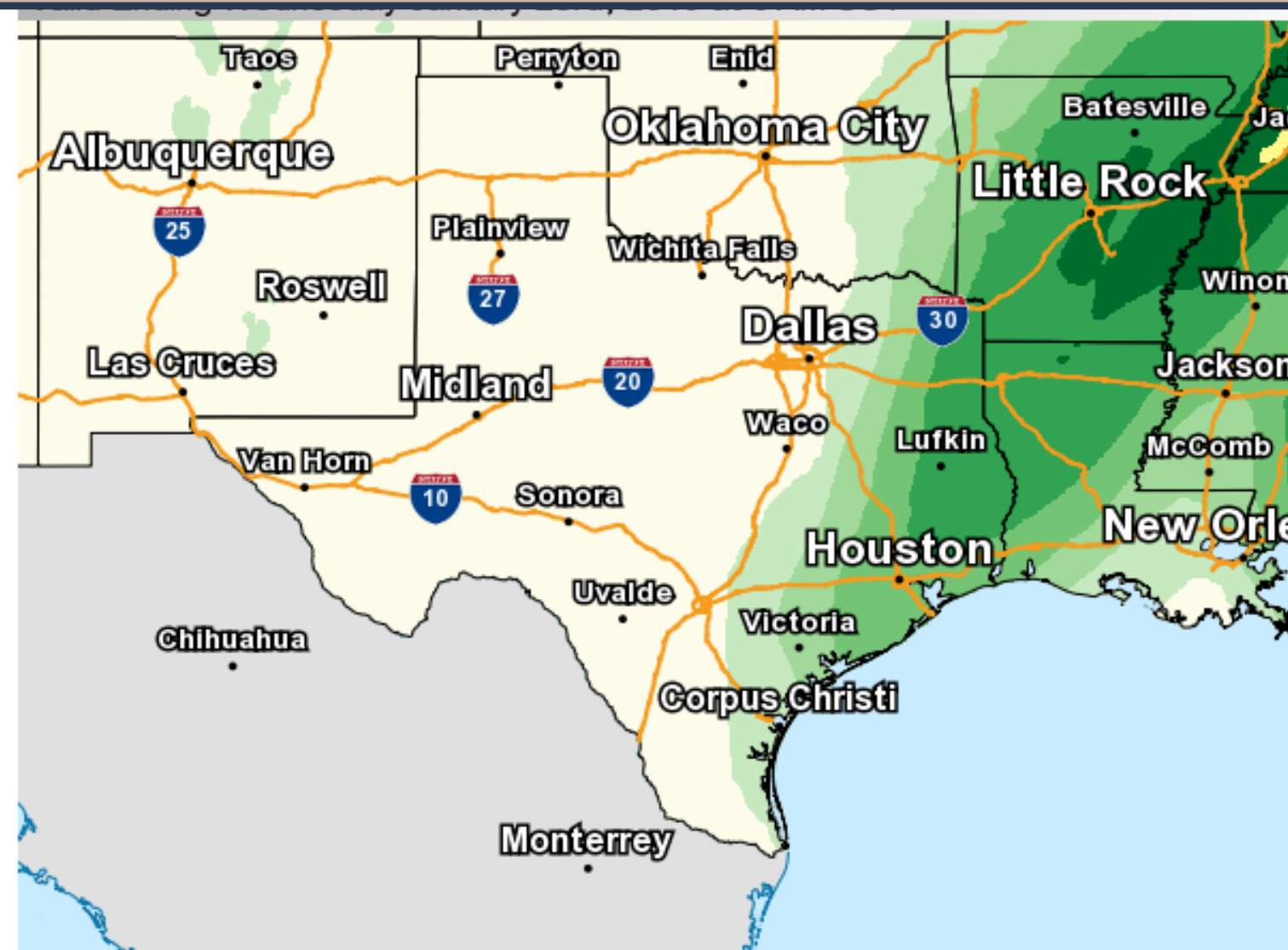
Forecast Chart

Forecast Rainfall

Elevated fire weather
conditions near the TX
Big Bend

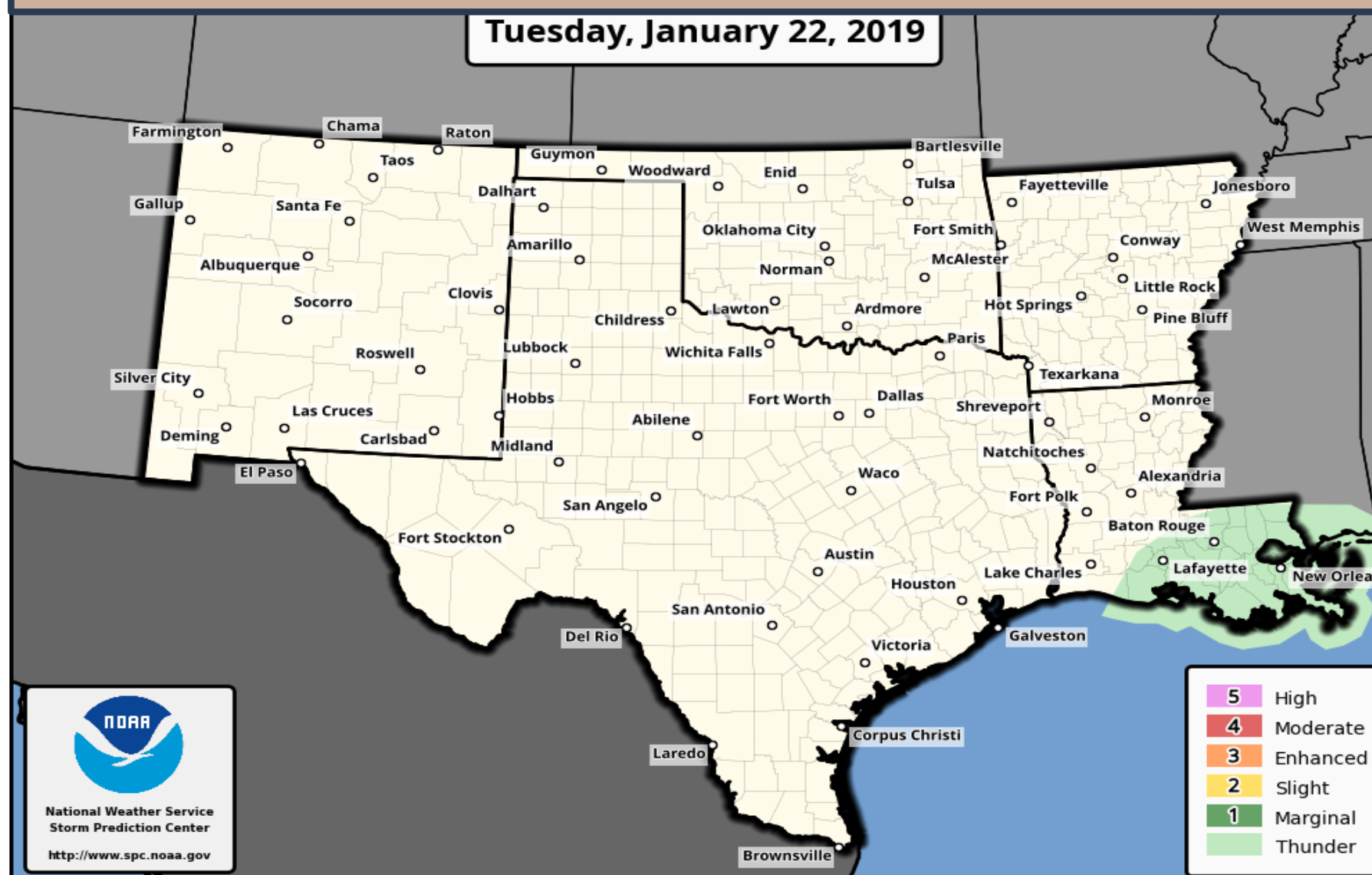


Graphic Created
January 21st, 2019
5:12 AM CST



Severe Weather Outlook

Excessive Rainfall Outlook



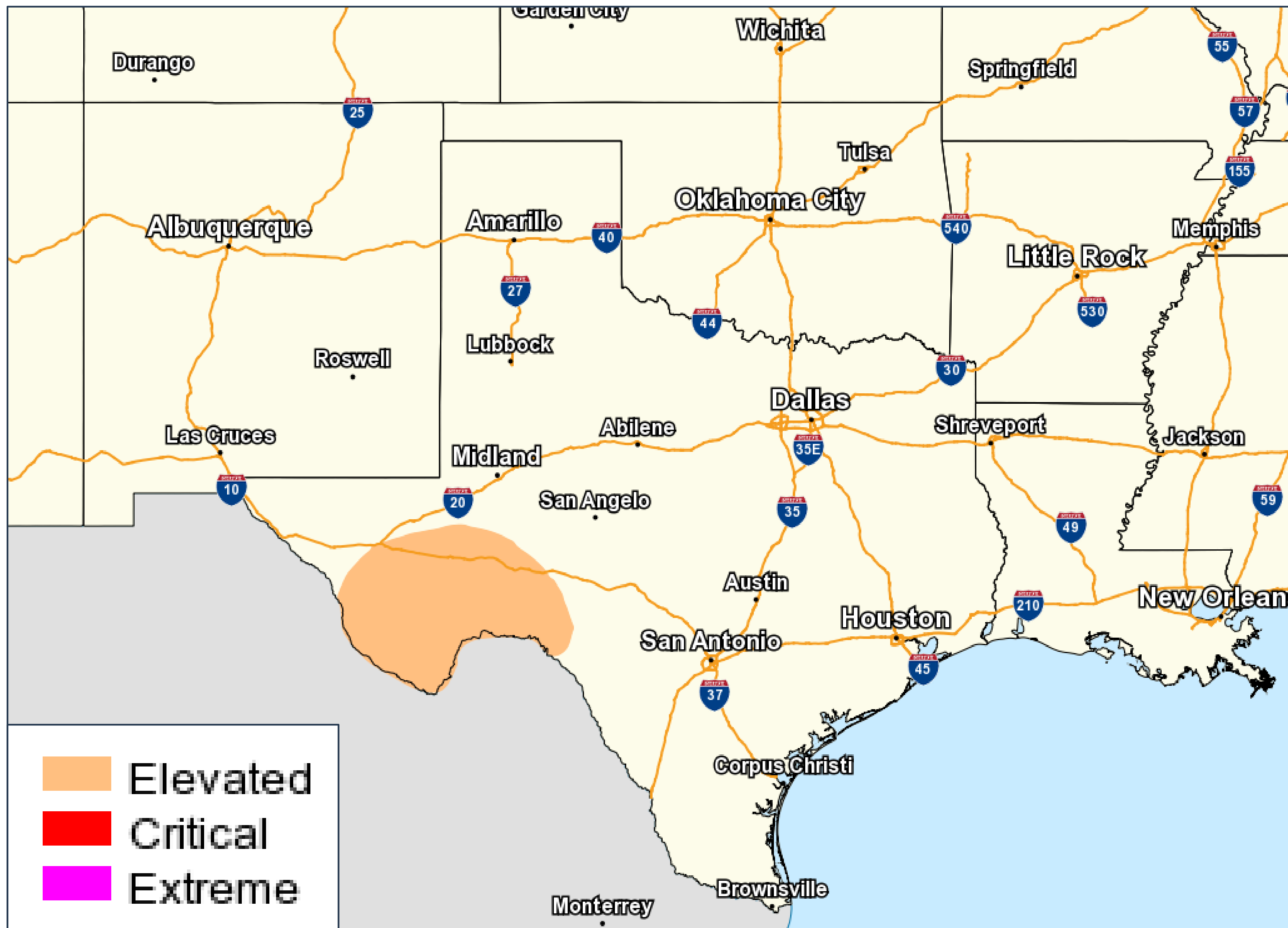
Graphic Created
January 21st, 2019
5:12 AM CST



Tomorrow's Fire Weather Outlook



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**Elevated fire weather conditions for the
TX Big Bend.**

Wednesday's Weather

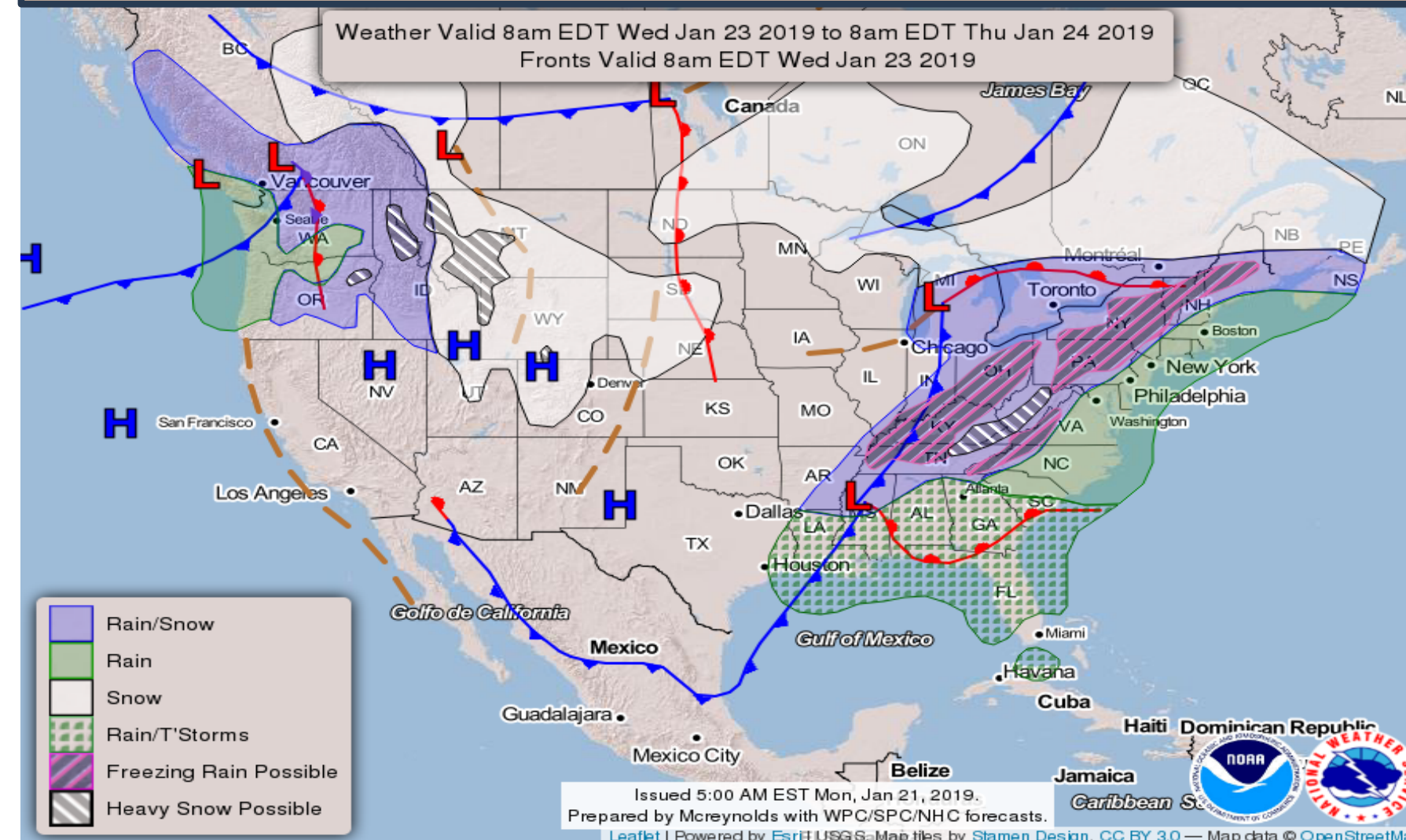


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Forecast Chart

Forecast Rainfall

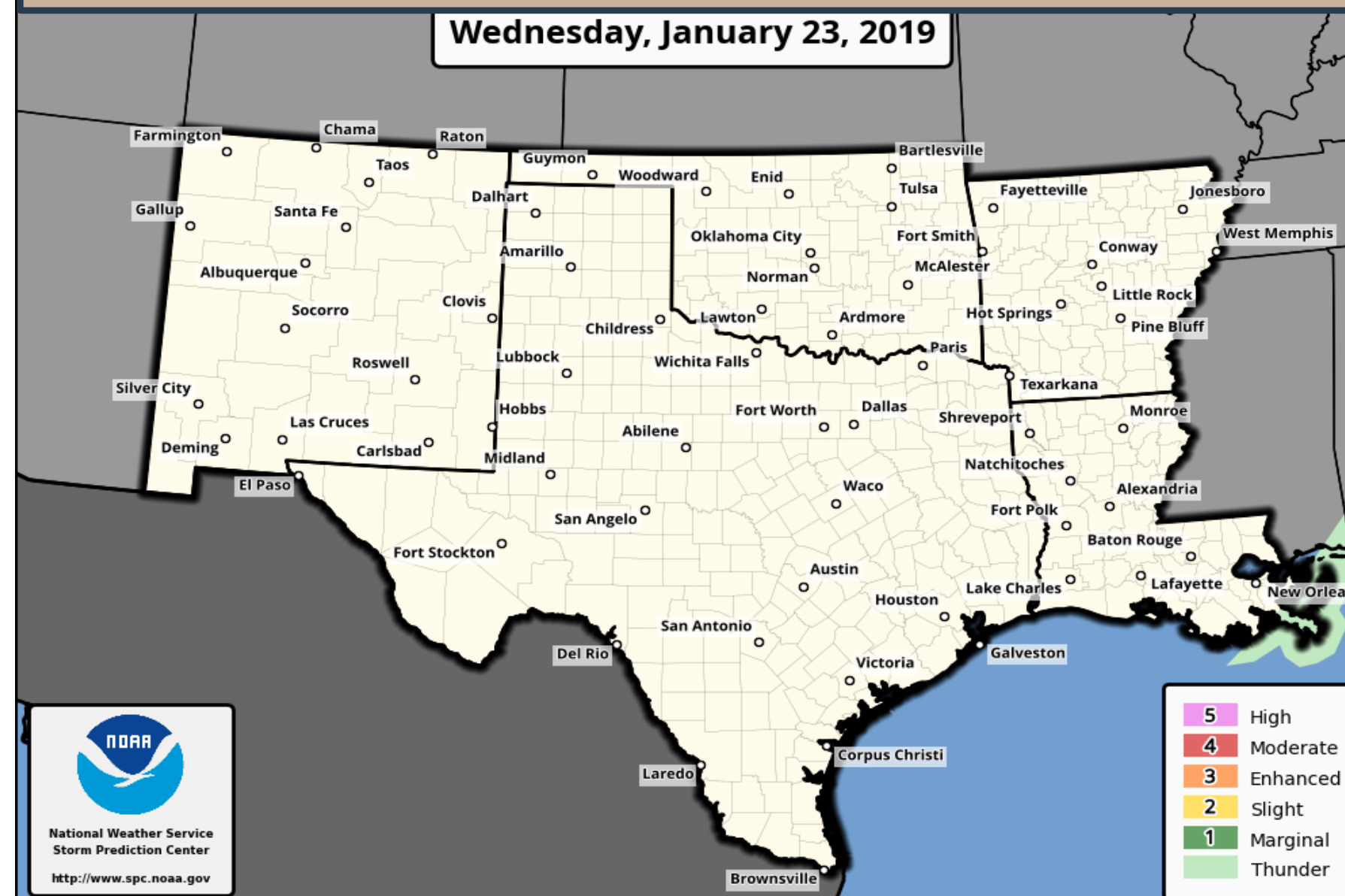
No significant weather impacts expected.



Graphic Created
January 21st, 2019

Severe Weather Outlook

Excessive Rainfall Outlook



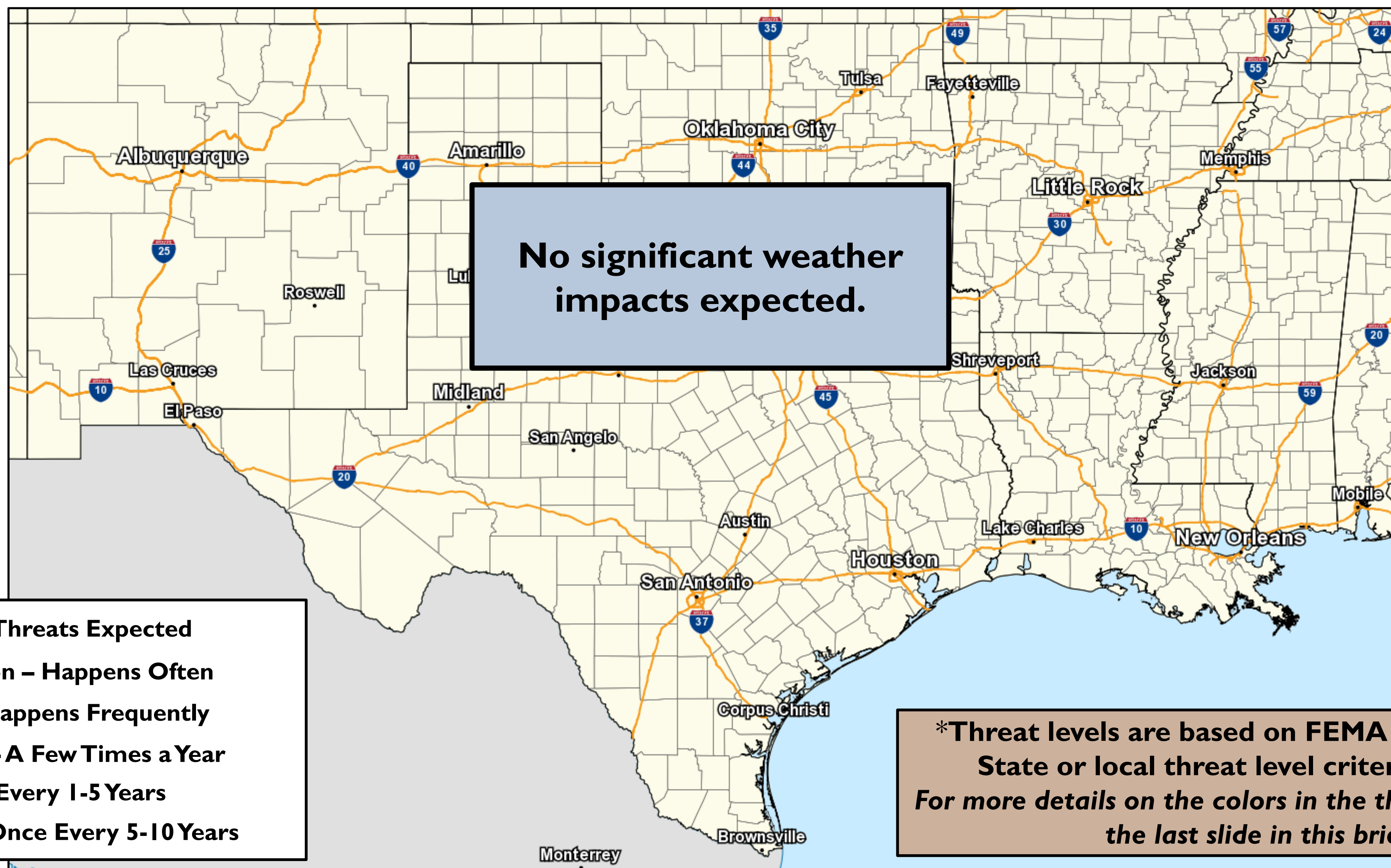
Graphic Created
January 21st, 2019
AM CST

Days 4-5 Weather Hazards

Thursday - Friday



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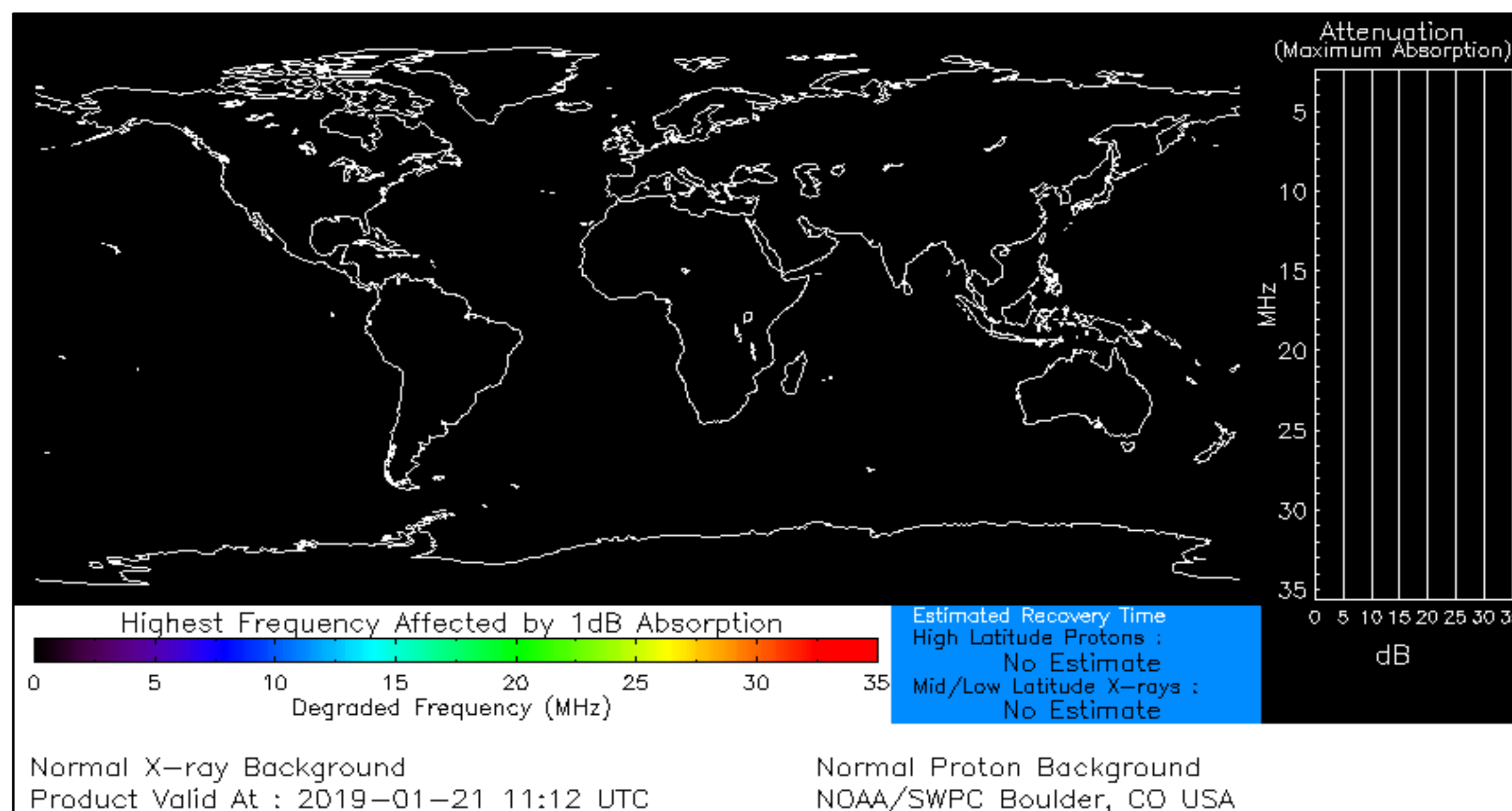


Space Weather 3-Day Forecast



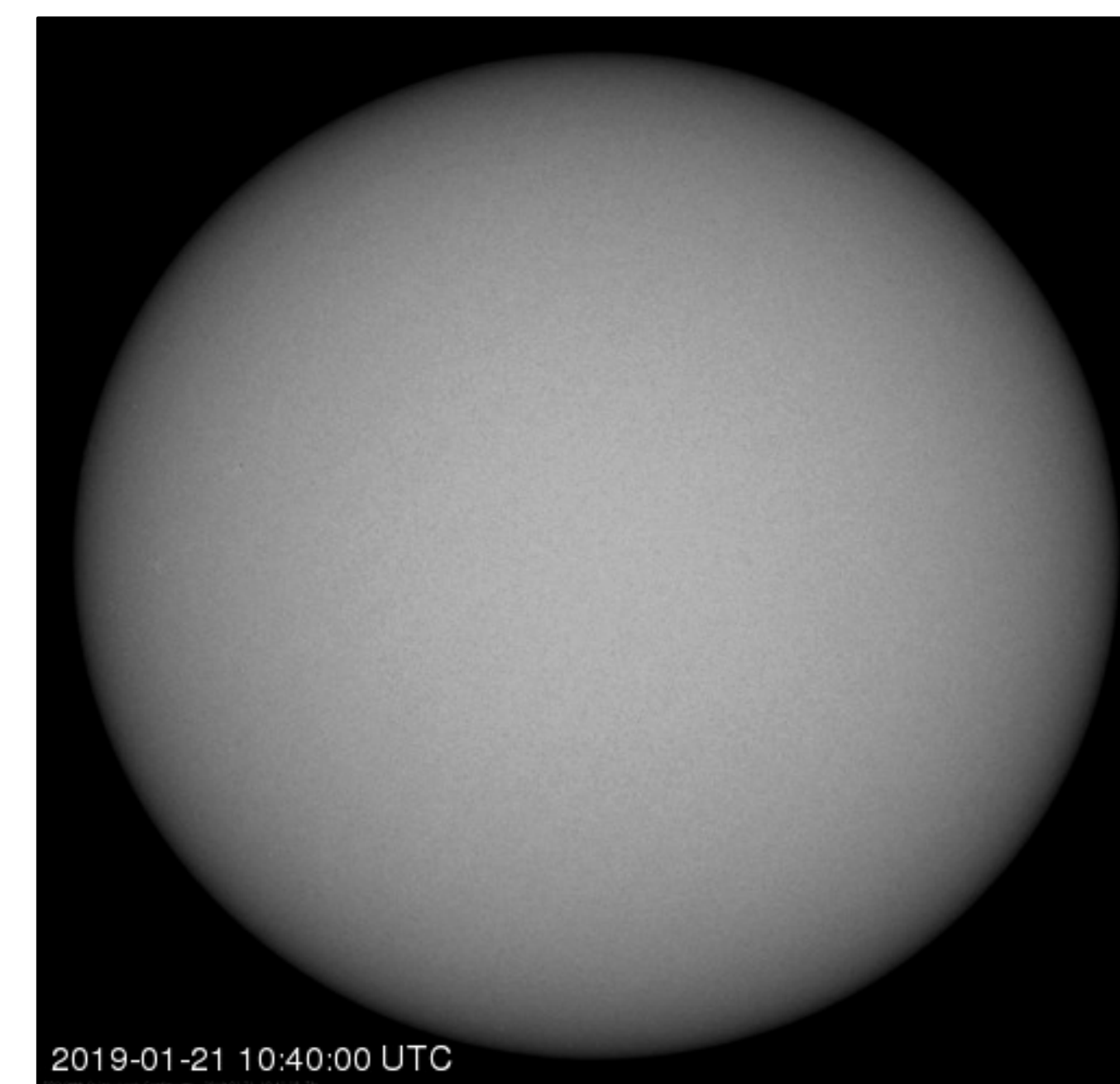
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	Monday	Tuesday	Wednesday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 4)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





For more information, please contact:

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Fort Worth, TX**

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Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov